SECTION 611 - HAND-LAID RIPRAP

- **611.01 Description.** This work includes constructing hand-laid riprap for slope protection according to the contract.
- 611.02 Materials. The stone for riprap shall be sound, durable, one-man stone. The stone shall be not less than three (3) inches thick in its least *| dimension nor containing less than half (1/2) cubic foot in volume. The Contractor shall not use stones that do not extend through the revetment. *|
- 611.03 Construction Requirements. The slopes protected shall not be steeper than the angle of repose of the material. The Contractor shall make *| sufficient excavation to expose a foundation bed. The Contractor shall place *| the stones with their beds at right angles to the slope. The Contractor shall *| use the larger stones on the bottom course and the smaller stones at the top. *| The Contractor shall lay the stones in close contact to break joints. The *| Contractor shall fill the spaces between the larger stones with spalls *| securely rammed into place. The finished work shall present an even, tight and plain surface varying not more than three (3) inches from the required *| cross section.
- 611.04 Method of Measurement. The Engineer will measure hand-laid ripraps *| by the cubic yard or square yard as specified in the proposal.
- 611.05 Basis of Payment. The Engineer will pay for the accepted quantities *| of hand-laid riprap at the contract unit price per cubic yard or square yard *| as specified in the proposal.

The price shall be full compensation excavating, backfilling, placing *| the stones, filling the spaces with spalls, furnishing labors, materials, *| equipment, tools, and other incidentals necessary to complete the work.

The Engineer will make payment under:

Pay Unit

Hand-Laid Riprap

Pay Item

Cubic Yard |

Hand-Laid Riprap

Square Yard |